The United States Measurement System (USMS) Office at NIST would like to invite you to participate in an exercise to authenticate the set of measurement needs identified for the Nanotechnology Environmental Health & Safety (Nano EHS) area. This assessment is being conducted as part of an ongoing effort to help ensure that measurement technologies keep pace with and support important technological innovations. NIST and other USMS organizations will use this work to inform their own strategic decisions in support of U.S. innovation and competitiveness.

A set of measurement needs for Nano EHS has been developed based on a scan of multiple sources, including the USMS Phase I report, case studies, roadmaps, other reports, and workshops. Identified measurement needs have been tagged and aggregated in various forms to identify trends, and findings have been postulated. Your input is needed on the validity, relevance, and importance of these potential findings, as well as any potential gaps.

Your involvement will consist of a review of the documents below, as well as participation in at least one of 2 webinar-style authentication workshops. Your expert input will be incorporated into our assessment findings and will be included in the next USMS Assessment Report. Our ultimate goal is to provide impetus to create measurement solutions for the most critical measurement needs.

- **Draft Nano EHS Chapter**
    - **Draft chapter for inclusion in the USMS Assessment Report**
- Raw Data Book
    - Contains the raw data used to derive the information in the Nano EHS Chapter
- Measurement Needs Spreadsheet
    - Contains detailed information on individual measurement needs
- Roadmaps and Reference Materials
    - Listing of Roadmaps and other references from which measurement needs were inferred

We feel that is most important for you to review the Draft Nano EHS Chapter above. If you have time and/or interest in the other documents, they are provided for you as well. USMS background may be found on our website, http://usms.nist.gov. We will also create a webpage for your use on that site (details to be provided).

Webinars will be held on Wednesday, May 6, 2009, at 1:00 PM ET and Wednesday, May 28, 2009, at 1:00 PM ET. Please register for either or both Webinars at: http://www.bostonconferencing.com/nist
Registration will be open beginning April 21, 2009.

If you have any questions, please contact Clare Allocca (clare.allocca@nist.gov) or Tom Campbell (tomca@vt.edu). Thank you very much for your participation.